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THIS IS UNEVALUATED INFORMATION

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1. [redacted] the USSR has considerable
difficulty in developing good oxide cathode emitters. This was reflected in the many
questions that were brought to [redacted] this problem. The material used for the cathode
sleeves was always nickel, some with a small percentage of aluminum, and some with
a small percentage of silicon or magnesium. [redacted] used captured German nickel for
purposes of comparison. [redacted]
[redacted] the Soviets are now using magnesium
nickel, because it was recommended in the American literature which they read.

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The Review of Modern Physics, Electronics, and Radio Engineering written in English, were the most used periodicals.

they were usually 4-5 months old.

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magnesium nickel was used for impulse tubes in

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America. Although library at Institute 160, generally

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used the library in Moscow, which also furnished us an excellent

excuse to get to Moscow to shop. Some of the available magazines at

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our library also came from West and East Germany.

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2. three Soviet factories were engaged in making tubes although others undoubtedly exist. Those located in Leningrad, Novosibirsk, and Saratov.

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Leningrad This factory was fairly large.

tubes were made

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television. Employees having television experience left

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the Institute and came here, to Leningrad, in April 1948.

Among them were design engineers, technicians, and helpers.

However, three television tube designers remained at

Institute 160.

Novosibirsk tubes were manufactured at this plant but am not certain.

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Saratov Female Soviet technicians from this factory came to Institute 160 for six months of training and they then returned to Saratov.

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some may have worked in the Galvanic and Chemical

Laboratories.

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